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सं० ३] नई दिल्ली, शनिवार, जनवरी १६, १९८२ (पौष २६, १९०३)

No. 3] NEW DELHI, SATURDAY, JANUARY 16, 1982 (PAUSA 26, 1903)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड २

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिसः
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 16th January 1982

APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE, 214, ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed
under Section 135, of the Act.

10th December 1981

1405/Cal/81. The British Petroleum Company Limited.
Flare having noise attenuation. (December 10,
1980)

1406/Cal/81. The British Petroleum Company Limited. Flare
using a coanda director surface. (December 10,
1980).

1407/Cal/81. Palitex Project-Company GMBH. Carrier
device for twister or bobbin tubes.

1408/Cal/81. Union Carbide Corporation. Antigel com-
pound for extrusion of ziegler-natta catalyzed
olefin polymers.

1409/Cal/81. Hitachi Ltd. Semiconductor integrated circuit
device.

11th December 1981

1410/Cal/81. Nissan Chemical Industries Ltd. Process for
producing copolymer of ethylene.

1411/Cal/81. Seton Company. Polyisocyanate reaction pro-
ducts.

1412/Cal/81. Nagron Steel and Aluminium B.V. Method
and structural element for erecting a building and
building thus formed.

1413/Cal/81. Politoys Ipari Szovetkezet Spatial logical toy

1414/Cal/81. Sri P. K. Majumder. Indegenous speaking valve
attachment for trachostomy tubes.

14th December 1981

1415/Cal/81. Cummins Engine Company, Inc. A system for
controlling fluid flow within an internal combustion
engine.

1416/Cal/81. Cummins Engine Company, Inc. Expandable
hydraulic tappet with a variable exit valve.

1417/Cal/81. Cummins Engine Company, Inc. Injection for
diesel engine

15th December 1981

1418/Cal/81. Sm. Manju Mitra. Improvement in or relating
to apparatus for pollution control.

1419/Cal/81. A. K. Sanyal. New folding hanger.

1420/Cal/81. Laporte Industries Limited. Arrangement for
the entainment of particulate materials. (Decem-
ber 15, 1980).

1421/Cal/81. Dnepropetrovsky Khimiko-Tekhnologichesky
Institut Imeni F.E. Dzerzhinskogo. Nozzle
assembly for liquid spraying in coke oven ascen-
tion pipe.

1422/Cal/81. Hamburger Stahlwerke GMBH. Method of
cooling castings in the continuous casting of steel.

16th December 1981

1423/Cal/81. Union Carbide Corporation. Method and
apparatus for treating openweave substrates with
foam.

1424/Cal/81. Veb Kombinat Fortschritt Landmaschinen.
Delivery chamber for centrifugal separators.

1425/Cal/81. Union Carbide India Limited. Improvements
in or relating to flashlight.

APPLICATIONS FOR PATENT FILED AT PATENT
OFFICE BRANCH, MUNICIPAL MARKET BUILDING,
III RD FLOOR, KAROL BAGH, NEW DELHI-5

16th October 1981

671/Del/81. Viney Bharat Patra, "An improved fever meter in the form of a liquid crystal strip type forehead thermometer."

672/Del/81. Ajit Singh, "An improved Valve."

673/Del/81. The Goodyear Tire & Rubber Company, "Method for removal of Sulfur Compounds from a Gas Stream."

17th October 1981

674/Del/81. USS Engineers and Consultants, INC., "Renovation or adaptation of Refractory Valve Plates for Molten Metal Pouring."

675/Del/81. Gazi Hasan Altaf, "Electrostatic Generator."

19th October 1981

676/Del/81. Bharat Heavy Electricals Limited, "Improvements in or relating to a continuous Vapour Absorption Refrigeration System."

677/Del/81. Bharat Heavy Electricals Limited, "Myrobolan Based Water thinable varnish and Paints."

678/Del/81. The National Industrial Development Corporation Ltd., "Drying of Mill-Wet Bagasse."

679/Del/81. G. D. Societa' Per Azioni, "A method and Device for replacing a First, empty Reel of Strip material with a Second, New Reel."

680/Del/81. G. D. Societa' Per Azioni, "A Device for Simultaneously cutting two continuous Rods of Cigarette."

20th October 1981

681/Del/81. Shell Internationale Research Maatschappij B.V., "Novel cyclopropane derivatives, processes for their preparation and their use in the preparation of dihalovinylcyclopropane carboxylic acids." (October 22, 1980).

682/Del/81. Klockner-Humboldt-Deutz Aktiengesellschaft, "Settling Machine with a Programmable Memory Control System."

21st October 1981

683/Del/81. Mobil Tyco Solar Energy Corporation, "Nickel Plating Method."

684/Del/81. Coal Industry (Patents) Limited, "A method of determining the Bulk strength of Strata." (October 21, 1980 & May 15, 1981).

22nd October 1981

685/Del/81. Ranji Bhandari, "Improved headlamp construction for automobiles."

23rd October 1981

686/Del/81. O&K. Orenstein & Koppel Aktiengesellschaft, "Mobile Crusher."

26th October 1981

687/Del/81. Ortner Freight Car Company, "Actuating and Locking Means for the Hopper Doors of a Railroad Hopper Car."

688/Del/81. Imperial Chemical Industries PLC, "Containers for use in Electrostatic Spraying." (November 11, 1980).

28th October 1981

689/Del/81. RICC Limited, "Method of and Apparatus for continuous Friction-actuated Extrusion." (November 17, 1980).

690/Del/81. President, Forest Research Institute & Colleges, "Improving high yield pulps through chemical modification."

29th October 1981

691/Del/81. The Jay Engineering Works Ltd., "Triangular bearing cap in ceiling fan motors."

692/Del/81. Carrier Corporation, "Low Frequency Noise and Turbulence Reducer."

30th October 1981

693/Del/81. Imperial Chemical Industries PLC, "Heterocyclic Compounds." (November 14, 1980).

2nd November 1981

694/Del/81. Deepak Kumar Sinha, "A new Bicycle Frame".

695/Del/81. Automotive Products Limited, "Vacuum Suspended Brake Booster". (November 13, 1980).

696/Del/81. Gerard Antoine Justin Pons, "Improvements in or relating to method for producing methane by fermenting waste materials and device for carrying out the said method".

3rd November 1981

697/Del/81. Alsthom-Atlantique, "A discharge circuit for rapidly eliminating charge trapped in a capacitor voltage divider used for monitoring high voltage AC".

4th November 1981

698/Del/81. Douglas Cochrane Sons & Company (Proprietary) Limited, "Production of Producer Gas".

699/Del/81. Societe Alsacienne De Constructions Mecaniques De Mulhouse, "A Method and Device for forming a filling yarn Reserve for Looms."

5th November 1981

700/Del/81. Manakkadan Manicott Anand Ram, "Improvement relating to or in hand operated spur geared chain pulley block for lifting or lowering of loads."

701/Del/81. Lockheed Missiles & Space Company, Inc., "Wave Powered Motor". (January 27, 1981).

702/Del/81. Council of Scientific And Industrial Research, "A novel process for the preparation of modified improved cellulose acetate."

703/Del/81. Council of Scientific And Industrial Research, "Improved Process for the preparation of Ethyl α -(Carbethoxy) β -(Substituted Anilino) Acrylates."

9th November 1981

704/Del/81. Dennison Manufacturing Company, "Apparatus and method for Dispensing Fasteners." [Divisional date December 2, 1978].

705/Del/81. Alfredo M. Anos, "Solar Energy Concentrator."

706/Del/81. John Donald Wishart, "Improvements in Split Cycle Internal Combustion Engines." (November 13, 1980 & May 4, 1981).

707/Del/81. Council of Scientific & Industrial Research, "An improved process for the preparation of aromatic hydrocarbons from ethyl alcohol in a single step conversion". [Divisional date August, 11 1980].

10th November 1981

708/Del/81. Bhagwati Prashad Varma and Surendra Kumar Thakral, "Device for quick separation of Sludge from Sewage."

12th November 1981

709/Del/81. Shivathene Linopack (P) Limited, "An improved process for the manufacture of Fibre hard Board."

13th November 1981

710/Del/81. The Director, All India Institute of Medical Sciences, "A Pigment Skin Inhibitor and a process for the preparation thereof".

711/Del/81. The Director, All India Institute of Medical Sciences, "A Process for the preparation of an acne composition".

- 712/Del/81. Rollatainers Limited, "A Package for Packaging of Materials".
 713/Del/81. Schering Aktiengesellschaft, "Insecticidally active acyl-ureas and their manufacture and use".

16th November 1981

- 714/Del/81. Mekaster Tools, "Improved reversible ratchet".
 715/Del/81. Shell Internationale Research Maatschappij B.V., "Non-oxidative dehydrogenation process".

17th November 1981

- 716/Del/81. Equipments Automobiles Marchal, "Motor-vehicle alternator having a rotary inductor".
 717/Del/81. Gerald D. Faulkner, "Posterior chamber intraocular lens".

18th November 1981

- 718/Del/81. The Titan Manufacturing Co. Pvt. Ltd., "Resistance between nut and bolt". (November 18, 1980)
 719/Del/81. Freyssinet International (Societe), "Device for anchoring a prestress cable comprising a large number of strands".
 720/Del/81. Council of Scientific & Industrial Research, "An improved process for the electrode position of lead dioxide on titanium substrates".
 721/Del/81. Council of Scientific & Industrial Research, "Electrochemical preparation of n-Butyric acid from N-Butanol using nickel oxy hydroxide anode".

19th November 1981

- 722/Del/81. The Titan Manufacturing Company Private Ltd., "Threading deformed bars".
 723/Del/81. Council of Scientific & Industrial Research, "Improved process for casting of aluminium or aluminium alloys to obtain fine grain refining thereof".
 724/Del/81. Council of Scientific & Industrial Research, "An electrolytic process for the production of p-Aminophenol from phenol".
 725/Del/81. Indian Drugs and Pharmaceuticals Ltd., "A novel process for the preparation of 3, 4-Diamino benzophenone".

20th November 1981

- 726/Del/81. Perminder Gill, "A shoe storage rack".

24th November 1981

- 727/Del/81. Allis-Chalmers Corporation, "Suspension Pre-heater for cement calcining plant".
 728/Del/81. Chartered Industries of Singapore Pvt. Ltd., "Gas operated automatic or semi-automatic guns". (December 11, 1980).
 729/Del/81. Chartered Industries of Singapore Pvt. Ltd., "Drum magazine for a gun". (December 11, 1980).
 730/Del/81. Chartered Industries of Singapore Pvt. Ltd., "A gas operated gun and bolt carrier assembly therefor". (December 11, 1980).
 731/Del/81. Chartered Industries of Singapore Pvt. Ltd., "Automatic or Semi-Automatic gun". (December 11, 1980).
 732/Del/81. Chartered Industries of Singapore Pvt. Ltd., "A gas operated gun and a barrel therefor". (December 11, 1980).
 733/Del/81. Chartered Industries of Singapore Pvt. Ltd., "Cocking handle assembly for an automatic or semi-automatic gun". (December 11, 1980).
 734/Del/81. Chartered Industries of Singapore Pvt. Ltd., "Buttstock securing arrangement for a gun and a gun embodying the same". (December 11, 1980).

- 735/Del/81. Chartered Industries of Singapore Pvt. Ltd., "Seat buffer for a gas operated gun and gun embodying the same". (December 11, 1980).

- 736 Del/81. Chartered Industries of Singapore Pvt. Ltd., "Seat actuator for a gun". (December 11, 1980).

- 737 Del/81. Chartered Industries of Singapore Pvt. Ltd., "Firearms". (December 11, 1980).

- 738/Del/81. Chartered Industries of Singapore Pvt. Ltd., "Rear sight for a gun and a gun embodying the same". (December 11, 1980).

- 739/Del/81. Chartered Industries of Singapore Pvt. Ltd., "Bipod for a gun and a gun embodying the same". (December 11, 1980).

25th November 1981

- 740/Del/81. Anderson Strathclyde Limited, "Pick retaining devices". (December 4, 1980 & February 17, 1981).

- 741/Del/81. Morgan Construction Co., "Rolling mill laying pipe".

- 742/Del/81. Societe D'Applications De Procedes Industries Et Chimiques S.A.P.I.C., "A stable aqueous hydrogen peroxide solution, its production, and its use in oxidation reactions".

26th November 1981

- 743/Del/81. Awadesh Kumar Sharma, "Automatic paddy transplanter machine".

- 744/Del/81. Sherritt Gordon Mines Limited, "Process for recovering zinc from zinc ferrite material". (August 5, 1981).

- 745/Del/81. Uniroyal Limited, "Method of making certain 2, 3-Dihydro-1, 4-Dithiins". (December 2, 1980).

- 746/Del/81. Armclo Inc., "Process for production of oriented silicon steel".

- 747/Del/81. Debex (Proprietary) Limited, "A boring machine".

- 748/Del/81. Debex (Proprietary) Limited, "A lifting mechanism".

30th November 1981

- 749/Del/81. Bharat Heavy Electricals Limited, "High fluid pressure transducer".

- 750/Del/81. Shrish Bhatt, "An electrical device".

- 751/Del/81. Bhagat Ram Joshi, "A composition".

- 752/Del/81. Pacco Industrial Corporation, "A Carburettor".

- 753/Del/81. Shiv Kumar Sharma, "Shiva's Multi-Filament Bulb".

- 754/Del/81. Scapa-porritt Limited, "Edge guard means for a link belt and a link belt embodying such means". (December 9, 1980).

- 755/Del/81. Keir Megec Chemical Corporation, "Improved process for beneficiating titaniferous materials".

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, TUDI ESTATES, III FLOOR, LOWER PAREL (WEST), BOMBAY-400 013

26th November 1981

- 326/Bom/1981. Electronic & Engineering Company, Sublimation tester.

28th November 1981

- 327/Bom/1981. Mulraj Goculdas. A clamp for the gas regulator and valve.

- 328/Bom/1981. Mulraj Goculdas. A safety device on a gas regulator switch.

APPLICATIONS FOR PATENTS FILED AT THE PATENT
OFFICE BRANCH, 61, WALLATAH ROAD.
MADRAS-600 002

2nd December 1981

222/Mas/81. The Southern Boraax Limited. An apparatus for the manufacture of boric acid.

4th December 1981

223/Mas/81. Lucas Industries Ltd. Automatic Adjuster for a Shoe Drum Brake. (December 6, 1980).

7th December 1981

224/Mas/81. K. Gopalakrishnan. An Automatic Water Replenishing Device, to be added to the Improved Water Boiler for Domestic & Commercial Use.

225/Mas/81. Central Power Research Institute. Improvements in or relating to stove.

226/Mas/81. Central Power Research Institute Steam Operated Pistonless Pump

8th December 1981

227/Mas/81. S. G. Saravananumaran. Telesionar.

10th December 1981

228/Mas/81. A. J. Berchmans. Wave-Operated Compressor Electric Generator.

11th December 1981

229/Mas/81. Lucas Industries Limited. Disc Brake. (June 26, 1979).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

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CLASS 68A. 149542.

Int. Cl.-H02j 7/00 9'00.

AN EMERGENCY LIGHT HAVING A FLUORESCENT TUBE.

Applicant & Inventor : DAVID SUSHIL PILLAI, OF 17 CAMAC STREET CALCUTTA-17, STATE OF WEST BENGAL, INDIA.

Application No. 1139/Cal/77 filed July 25, 1977.

Complete Specification left August 5, 1978.

Cognate with Application No 432/Cal/78 filed April 20, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

An emergency light comprising a power supply circuit having input terminals adapted to be connected to a main power source, at least a pair of output conductors connected to the output terminals of said power supply circuit, said output conductors connected to an oscillator and a battery provided in parallel to each other, a fluorescent tube or lamp connected to the output terminals of the oscillator, said battery and oscillator being adapted to simultaneously receive power from the power supply circuit.

Comp. Specn. 12 Pages. Prov. Specn. 12 Pages. Drg. 2 sheets.

CLASS 206C & E & I.

149543.

Int. Cl.-H04j 3/00.

EXPANDABLE MEMORY FOR THE SUPPRESSION OF THE PHASE NOISE IN TRANSMISSION SYSTEMS FOR DIGITAL SIGNALS.

Applicant : SOCIETA ITALIANA TELECOMMUNICAZIONI SIEMENS S.P.A., PIAZZALE ZAVATTARI 12, 20149 MILANO, ITALY.

Inventor : FRANCESCO PENOGLIO.

Application No. 1559/Cal/77 filed October 29, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

Expandable memory for the suppression of the phase noise in transmission systems for digital signals, comprising : a memorizing unit with n elements fed by a bit stream presenting a frequency CK' in which said phase noise is present, such bit stream presenting a predetermined average frequency value; a writing unit arranged to control the insertion in the memorizing unit of the bits forming said stream according to said cadence CK' , a phase locking circuit, comprising a phase comparator, a filter and a voltage controlled oscillator arranged to generate a frequency CK_n presenting said predetermined actual value; a reading unit arranged to control the emission of the contents of said memorizing unit according to said cadence CK_n characterised in that said phase comparator consists of a first J-K bistable circuit fed on the timing input by a submultiple CK/m of said sequence CK' and on the clear input by an analog submultiple CK'/n of said sequence CK' by means of a first gate circuit; that said tension controlled oscillator provides means of manual regulation of the output frequency, provided for the calibration of the phase locking circuit, arranged to vary the level of a continuous signal until a value is obtained that, in addition to the value of the continuous signal obtained at the output of the filter when said first gate circuit is inhibited, determines the generation of pulses presenting a frequency CK_n .

Comp. Specn. 11 Pages.

Drg. 3 Sheets.

CLASS 92C & J.

149544.

Int. Cl.-A01f 12/00.

IMPROVED PROCESS FOR REMOVING AND OBTAINING CELLOLASIC FIBRES FROM SEED HULLS.

Applicant : COTTON INCORPORATED, 1370 AVENUE OF THE AMERICAS, NEW YORK, N.Y. 10019, STATE OF TENNESSEE, UNITED STATES OF AMERICA.

Inventors : GAY MELTON JIVIDEN, HOU-MIN CHANG, RALPH HATHAWAY REEVES, AND CHEN-LOUNG CHEN.

Application No. 147/Cal/78 filed February 7, 1978

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

An improved process for removing and obtaining cellulosic fibres from seed hulls which process comprises (a) contacting the seed hulls which comprises both cellulosic fibres and non-fibrous hull components with a solution of a conventional alkaline compound and oxygen-containing gas as herein described the amount of alkali used being from 2 to 25% by weight based upon the oven-dry weight of hulls until the cellulosic fibres are substantially free of the non-fibrous hull components, and (b) separating mechanically free cellulosic fibres from the non-fibrous hull components so as to produce readily washable cellulosic fibres having substantially unimpaired

mechanical properties and if desired converting the xylan in the hull residue by hydrolysis to produce xylose hydrolyzate which is convertible to xylitol in a known manner.

Comp. Specn. 35 Pages. Drg. 1 Sheet.
CLASS 116G. 149545.
Int. Cl.-B65g 37/00.

A DEVICE FOR SUPPORTING AND COUPLING A CONTAINER ON THE CHASSIS OF A TRUCK OR TRAILER.

Applicant & Inventor : SVERRE DAMM, OF ANTON SCHUDIS VEI 25, OSLO 5, NORWAY.

Application No. 207/Cal/78 filed February 24, 1978.
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A device for supporting and coupling a container on the chassis of a truck or trailer, the combination comprising a pair of longitudinal, substantially parallel spaced beams defining a basic frame linkable to said chassis, each longitudinal beam of said pair having a sloped inside face, the inside faces of the two beams facing each other, cross-beams secured adjacent to respective end portions of said pair of beams, said cross-beams having facing slope faces, at least two bridges each comprising a platform which cover part of the length of the space defined between said pair of longitudinal beams, each platform having at one of its ends a sloped lower face complementary to the sloped face of the cross-beams to which it is adjacent, and each platform having downwardly projecting side feet with lower surfaces complementarily sloped to said sloped faces of the two longitudinal beams, and lifting means arranged below said platform capable of raising said bridges.

Comp. Specn. 11 Pages. Drg. 1 Sheet.
CLASS 39L. 149546.
Int. Cl.-C01b 17/46.

PROCESS FOR THE MANUFACTURE OF PURE CHLOROSULFONIC ACID.

Applicant : HOECHST AKTIENGESELLSCHAFT, OF 6230, FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors : ROLF BORGER, EGON MALOW, ALBERT RENKEN, GERHARD RIEB.

Application No. 703/Cal/78 filed June 26, 1978.
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

Process for the manufacture of chlorosulfonic acid from hydrogen chloride and sulfur trioxide dissolved in chlorosulfonic acid, characterized by mixing the sulfur trioxide dissolved in chlorosulfonic acid, and hydrogen chloride gas in a venturi nozzle and allowing them to react with one another at a temperature below 100°C.

Comp. Specn. 9 Pages. Drg. 1 Sheet.
CLASS 151D. 149547.
Int. Cl.-F16l 9/00, 9/02.

METHOD OF AND DEVICE FOR PRODUCING SINGLE LAYER AND MULTI-LAYER PIPES.

Applicant : HOESCH WERKE AKTIENGESELLSCHAFT, EBERHARDSTRASSE 12, 4600 DORTMUND 1, WEST GERMANY.

Inventors : ING. GRAD. CARL DAHMEN, DIPL. ING. JURGEN ENGEL, DIPL. ING. HFINZ GROSS, DIPL. ING. MARTIN HENNING AND OBERINGENIEUR WERNER WENNEMANN.

Application No. 995/Cal/78 filed September 12, 1978.
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A method of producing single-layer and multi-layer pipes from a band for single-layer or a plurality of bands for multi-layer pipes, which includes the steps of : advancing all bands together independently of the camber and other irregularities of the individual band edges in steadily straight lead-in directions corresponding to the respective pipe diameter machining all band edges together in coordination with each other to the maximum possible width, helically winding said machined bands arranged one above the other while driving said band within the region of the bending line in said lead-in directions and welding said layers together to form a multi-layer pipe or a single-layer pipe while controlling the welding gap in conformity with the coordinated band edges merely pivoting the formed pipe.

Comp. Specn. 12 Pages. Drg. 6 Sheets.
CLASS 36A₈. 149548.
Int. Cl.-B24c 3/00.

BLADE MOUNTING STRUCTURE FOR CENTRIFUGAL WHEEL.

Applicant : GEORG FISCHER AKTIENGESELLSCHAFT, OF CH-8201 SCHAFFHAUSEN (SWITZERLAND).

Inventor : SERGEJ TOEDTLI.
Application No. 1188/Cal/78 filed November 3, 1978.
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

An improved blade mounting structure for a centrifugal material propelling wheel of the type having first and second discs, spacer means for maintaining said discs in substantially parallel spaced relationship, means defining a plurality of uniformly distributed radially extending grooves in the inwardly facing surfaces of said discs, a plurality of replaceable blades insertable in said grooves, and means coupled to one of said discs for rotating said wheel, the improvement wherein; each of said blades comprises an elongated body having a disc-engaging portion and a portion protruding beyond the periphery of said discs, said disc-engaging end portion having a plurality of longitudinally extending ribs, and a laterally protruding stop member fixedly attached thereto; and wherein each of said radially extending grooves includes stop means in at least one of said discs for engaging said protruding stop member to prevent movement of the associated one of said blades radially outwardly of said wheel; and wherein at least one of each of said ribs and said grooves is formed with a taper in at least one plane passing through the longitudinal axis of each blade, whereby, when each of said blades is installed in a groove with said stop member engaged with said stop means, at least one of said ribs remains spaced from the adjacent surface of the associated groove.

Comp. Specn. 14 Pages. Drg. 2 Sheets.
CLASS 107H. 149549.
Int. Cl.-F02m 49/02, F04b 5/00.

A SUPPLY PUMP.

Applicant : STANADYNE, INC., OF 92, DEERFIELD ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Inventor : CHARLES WADE DAVIS.
Application No. 1313, Cal/78 filed December 12, 1978.
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A supply pump comprising a pump body having means providing a stepped pumping camber therein, piston means mounted for reciprocation in said pumping camber and having a pair of working areas of different sizes respectively mating the stepped portions of the pumping cambers, drive means operatively connected with said piston means for actuating the same in one direction corresponding to a first pumping stroke thereof, spring means operatively connected with said piston means for actuating the same in the opposite direction corresponding to a second pumping stroke

thereof, said piston means and said stopped pumping camber defining a first variable volume camber, means cooperating with said piston means forming a pair of variable volume pumping cambers at the ends of said piston means, an inlet continuously connected to said, first variable volume camber, passage means interconnecting said pair of variable volume pumping cambers and an outlet connected to said last mentioned passage means.

Comp. Specn. 12 Pages.

Drg. 1 Sheet.

CLASS 32F₂b.

149550.

Int. Cl.-C07d 51/06.

PREPARATION OF NOVEL 1-PIPERIDINOPHTHALAZINES.

Applicant: PFIZER CORPORATION, OF CALLE 151, AVENIDA SANTA ISABEL, COLON, REPUBLIC OF PANAMA AND HAVING A COMMERCIAL ESTABLISHMENT AT 102 RUE 1 FON THEODORJETTE, BRUSSELS 9, BELGIUM.

Inventors: SIMON FRASER CAMPBELL, JOHN CHRISTOPHER DANILEWICZ, ANTHONY GARTH EVANS AND ALLAN LESLIE HAM.

Application No. 368/Del/80 filed May 20, 1980.

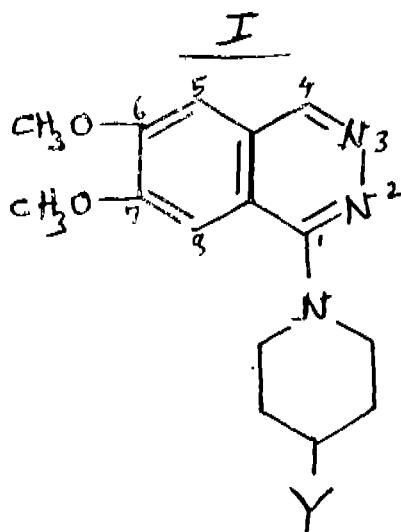
Convention date June 3, 1977/(23582/77) U.K.

Division of Application No. 364/Del/78 filed May 15, 1978.

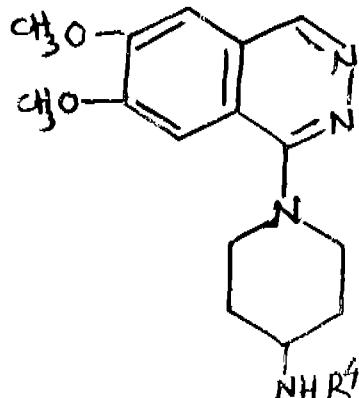
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

2 Claims.

A process for preparing novel a phthalazine of the formula I.



wherein Y is a group of the formula -NR⁴CONHR⁶, wherein R⁴ is a hydrogen atom or a lower alkyl group, and R⁶ is a lower alkyl, pyridyl or lower alkyl substituted by phenyl; which comprises reacting a phthalazine of the formula II,



wherein R⁴ is a defined for formula I above, with an isocyanate of the formula R₆NCO wherein R₆ is as defined for formula I; followed by, optionally, conversion of the thus produced product of the Formula I into a pharmaceutically acceptable acid addit on salt by reaction with a non-toxic acid.

Comp. Specn. 8 Pages.

Drg. 2 Sheets.

OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by Sicco Electric Shock Control Device Private Limited to the grant of a patent on application No. 148943 made by Chittor Krishnai Narendra and Anandu Krishna Khargekar.

(2)

An opposition has been entered by Sicco Electric Shock Control Device Private Limited to the grant of a patent on application No. 148944 made by Chittor Krishnai Narendra and Anandu Krishna Khargekar.

(3)

An opposition has been entered by Macneill & Magor Limited to the grant of a patent on application No. 148769 made by Myroh Grant Hampton and David John Millin.

PATENTS SEALED

148043 148064 148091 148607 148617 148627 148629 148645
148648 148649 148650 148651 148652 148653 148656 148659
148660 148661 148664 148665 148666 148667 148668 148669
148670 148674 148686

Amendment Proceedings Under Section 57

(1)

The amendments proposed by Cassella Aktiengesellschaft, formerly known as Cassella Farbwerke Mainkur Aktiengesellschaft, in respect of patent application No. 146093 as advertised in Part III, Section 2 of the Gazette of India dated the 11th July, 1981 have been allowed.

(2)

Notice is hereby given that CHONG MIN HO, care of C.M. HO & CO., of Makum Junction P.O., Assam, India, stateless and of Chinese origin, have made an application under section 57 of the Patents Act, 1970 for amendment of application and specification of their application for patent No. 148497 for "Improvements in or relating to a continuous automatic weighing machine."

The amendments are by way of changing nationality. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be filed within one month from the date of filing the said notice.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. Title of the invention

142096 (27-02-74) Process for the electrostatic precipitation of entrained particles and droplets from gas streams.

142757 (08-02-74) Process for the preparation of azetidine derivatives

142273 (09-11-74) Improvement in or relating to manufacture of tricresyl phosphate (pure or isomeric) mixture and phosphorous oxychloride.

- 143286 (08-01-76) Improvement in or relating to electro-plating of copper and stainless steel.
- 143305 (02-01-75) A process for the production of sulphonyl group bearing azo compound.
- 143308 (10-09-75) An improved process for smelting of lead.
- 143406 (16-10-75) In a process for the production of synthesis gas by partial oxidation, a method for the recovery of unreacted carbon and apparatus for the same.
- 143441 (16-06-75) Process for manufacturing killed steel ingots of superior quality.
- 143498 (06-12-74) Separation of magnesite from its contaminants by reverse flotation.

RESTORATION PROCEEDINGS

108420 108444 113808 113882 113961 114075 114077 114524
 114534 118453 119054 119302 119356 119418 119514 119551
 119667 120413 120579 121188 121649 122884 124198 124450
 124501 124503 124527 124750 124913 127598 128470 129639
 130009 133428 134061 134077 134135 134278 134457 134518
 136168 136340 136930 136941 137562 137600 137701 137710
 137858 137939 138195 138976 139201 139288 139600 139830
 140265 140458 140732 140881 141160 142132 142176 142190
 142255 142256 142287 142476 142672 142838 142860 142877
 143280 143722 143874 143978 144300 144361 144686 144782
 145472 146296 146453 147204 148261 148351

CESSATION OF PATENTS

139975

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 122593 dated the 2-8-1969 made by Livinder Singh on the 11-2-1980 and notified in the Gazette of India Part III, Section 2 dated the 15-3-1980 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

- The date shown in the each entry is the date of registration of the design included in the entry.
- Class 1. No. 151046. Greaves Lombardini Ltd. of 1, Dr. V. B. Gandhi Marg, Bombay-400023, Maharashtra. Indian Company. 'Diesel Engine'. July 29, 1981.
- Class 1. No. 151047. Greaves Lombardini Ltd. of 1, Dr. V. B. Gandhi Marg, Bombay-400023, Maharashtra. Indian Company. 'Diesel Engine'. July 29, 1981.
- Class 1. No. 151048. Greaves Lombardini Ltd. of 1, Dr. V. B. Gandhi Marg, Bombay-400023, Maharashtra. Indian Company. 'Diesel Engine'. July 29, 1981.
- Class 1. No. 151049. Greaves Lombardini Ltd. of 1, Dr. V. B. Gandhi Marg, Bombay-400023, Maharashtra. Indian Company. 'Diesel Engine'. July 29, 1981.
- Class 1. No. 151050. Greaves Lombardini Ltd. of 1, Dr. V. B. Gandhi Marg, Bombay-400023, Maharashtra. Indian Company. 'Diesel Engine'. July 29, 1981.
- Class 1. No. 150734. Kirloskar Brothers Limited, an Indian Company of Udyog Bhavan Tilak Road, Pune 411002, Maharashtra, India. "Foot Valve" May 7, 1981.

- Class 1. No. 150735. Kirloskar Brothers Limited, an Indian Company of Udyog Bhavan, Tilak Road, Pune 411002, Maharashtra, India. "Vertically split pump casing". May 7, 1981.
- Class 1. No. 150736. Kirloskar Brothers Limited, an Indian Company of Udyog Bhavan, Tilak Road, Pune 411002 Maharashtra, India. "Fast and slow pulley (BLP) pump set". May 7, 1981.
- Class 1. No. 150740. Kirloskar Brothers Limited, an Indian Company of Udyog Bhavan, Tilak Road, Pune 411002, Maharashtra, India. "Foot Valve". May 7, 1981.
- Class 1. No. 150763. Reagal Industrial Corporation, a partnership firm of Room No. 122, Bharat Industrial Estate, 1st floor, Tokersi Jivraj Road, Sewri, Bombay-400015, Maharashtra. "Briefcase locks". May 13, 1981.
- Class 1. No. 150940. Patel Machine Tools, Indian Partnership Firm of 33, Hindu Colony, Navrangapura, Ahmedabad-390009, Gujarat, India. "Drill chip breaker". June 27, 1981.
- Class 1. No. 150941. Shivshakti Engineering Works, Indian Partnership Firm of Adjan Patia Opp : Parul Petrol Pump, Rander Road, Surat, Gujarat, India. "Grinder". June 27, 1981.
- Class 1. No. 150942. Wajidsons Exports of Wajid House, Prince Road, Moradabad, Uttar Pradesh, an Indian Partnership Firm. "Container". June 27, 1981.
- Class 1. No. 150234. Smt. K. Sivakami (Proprietrix) of Sri Balaji Electro Plasters of 46, Wallajaha Road, Madras-600002, Tamil Nadu, India. "Multi Purpose Metallic Trolley Stand". December 23, 1980.
- Class 8. No. 150175. Obeetec Private Limited of Post Box No. 4, Mirzapur-231001, U.P. an Indian Company. "Carpets". December 4, 1980.
- Class 8. No. 150176. Obeetee Private Limited of Post Box No. 4, Mirzapur-231001, U.P. an Indian Company. "Carpets". December 4, 1980.
- Class 8. No. 150177. Obeetec Private Limited of Post Box No. 4, Mirzapur-231001, U.P. an Indian Company. "Carpets". December 4, 1980.
- Class 8. No. 150178. Obeetec Private Limited of Post Box No. 4, Mirzapur-231001, U.P. an Indian Company. "Carpets". December 4, 1980.
- Class 8. No. 150179. Obeetec Private Limited of Post Box No. 4, Mirzapur-231001, U.P. an Indian Company. "Carpets". December 4, 1980.
- Class 8. No. 150180. Obeetec Private Limited of Post Box No. 4, Mirzapur-231001, U.P. an Indian Company. "Carpets". December 4, 1980.
- Class 8. No. 150181. Obeetec Private Limited of Post Box No. 4, Mirzapur-231001, U.P. an Indian Company. "Carpets". December 4, 1980.
- Class 8. No. 150182. Obeetec Private Limited of Post Box No. 4, Mirzapur-231001, U.P. an Indian Company. "Carpets". December 4, 1980.
- Class 8. No. 150183. Obeetec Private Limited of Post Box No. 4, Mirzapur-231001, U.P. an Indian Company. "Carpets". December 4, 1980.
- Class 8. No. 150184. Obeetec Private Limited, Post Box No. 4, Mirzapur-231001, U.P. an Indian Company. "Carpets". December 4, 1980.
- Class 8. No. 150185. Obeetec Private Limited of Post Box No. 4, Mirzapur-231001, U.P. an Indian Company. "Carpets". December 4, 1980.

Class 8. No. 150186. Obeetc Private Limited of Post Box No. 4, Mirzapur-231001, U.P. an Indian Company. "Carpets". December 4, 1980.

Class 8. No. 150604. H.A.G. Carpets Pvt. Ltd. of 143, Keshab Chandra Sen Street, Calcutta-700009, West Bengal, Indian Company. "Carpet". March 28, 1981.

Class 8. No. 150605. H.A.G. Carpets Pvt. Ltd. of 143, Keshab Chandra Sen Street, Calcutta-700009, West Bengal, Indian Company. "Carpet". March 28, 1981.

Class 8. No. 150606. H.A.G. Carpets Pvt. Ltd. of 143, Keshab Chandra Sen Street, Calcutta-700009, West Bengal, Indian Company. "Carpet". March 28, 1981.

Class 8. No. 150612. H.A.G. Carpets Pvt. Ltd. of 143, Keshab Chandra Sen Street, Calcutta-700009, West Bengal, Indian Company. "Carpet". March 28, 1981.

Class 8. No. 150613. H.A.G. Carpets Pvt. Ltd. of 143, Keshab Chandra Sen Street, Calcutta-700009, West Bengal, Indian Company. "Carpet". March 28, 1981.

S. VEDARAMAN,
Controller-General of Patents, Designs,
and Trade Marks